DATA REPORTING AND TRANSFER

Introduction

♦ *What data ?*

  ▪ *Toxics and criteria pollutant data needed for regional scale and human exposure modeling*

♦ *From whom ?*

  ▪ *State / Local / Tribal agencies*

♦ *Transfer where ?*

  ▪ *One place - EPA/OAQPS National EI Database*

♦ *What format ? - NET Input Format*

2

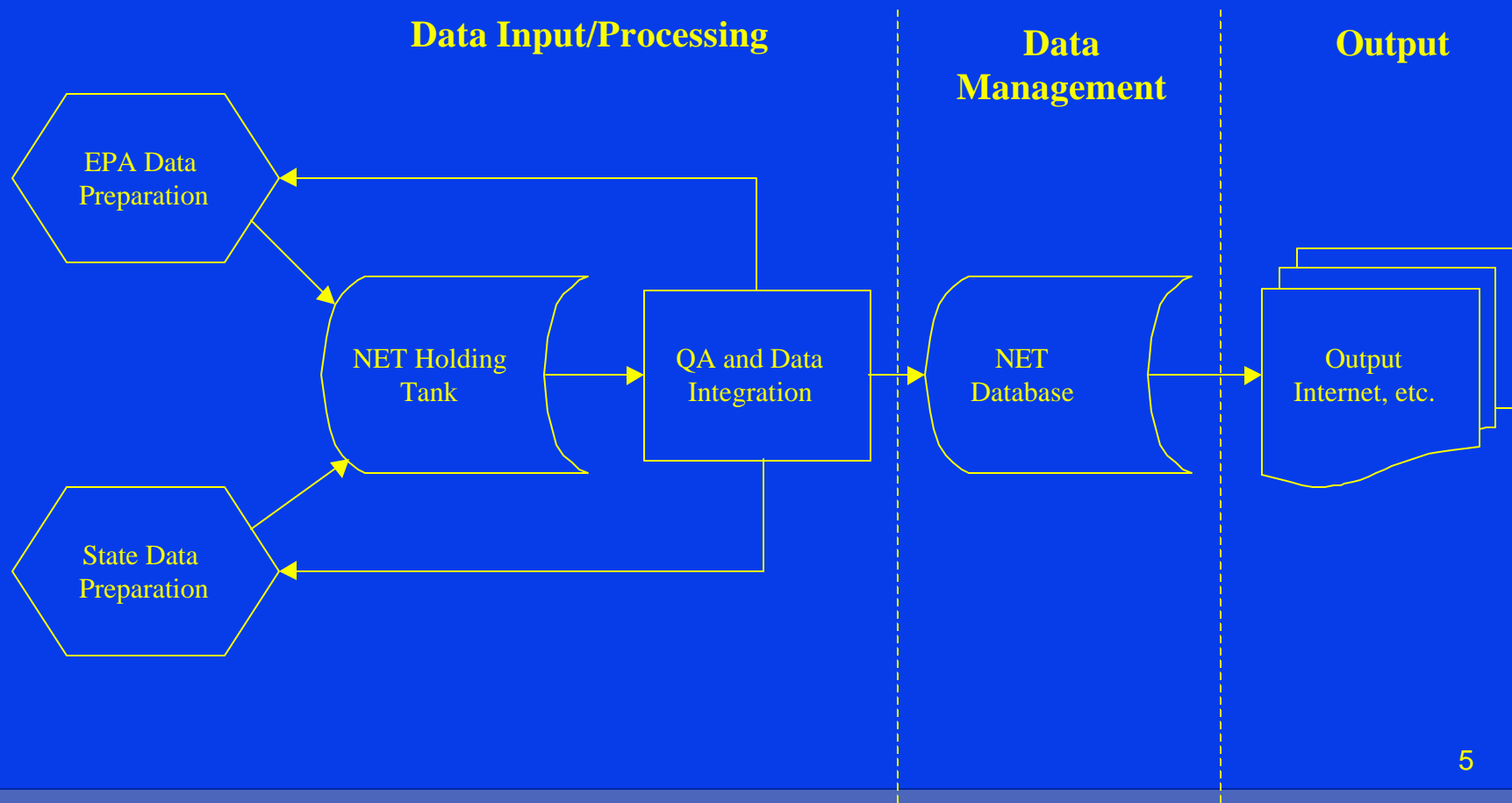# Where it all comes together - EPA's National EI Database(s)

♦ *Provides good starting point for regional-scale air quality & human exposure modeling, and other emissions tracking activities*

♦ *Internal database system - redesigned in Oracle using the EIIP Data Model*

♦ *Contains point, area, mobile, and biogenic source data for criteria and toxic pollutants*

EPA National EI Database
present → future

	present	future
Data Collection	- EPA & S/ L data - Toxics & criteria separate - Various formats	- EPA, S /L, & Tribal data - Integrate toxics & criteria - Standardized transfer
Database Management	- NET (criteria) & NTI (toxics) - Oracle - EPA database for national ei	- Merged NET & NTI - Oracle - EPA database for national ei
Data Access & Distribution	- Detailed database to S/ L's - Enhanced Web Access (FY00) - Emission Trends Report - Exposure modeling results	- Integrated summ rpts to S/ L's, RO's - Enhanced inter-Agency, Web Access - Emission Trends Report - Exposure modeling results

4

Data Transfer - To / From EPA Emission Inventory Database

Data Input/Processing

Data Management

Output

EPA Data Preparation

NET Holding Tank

QA and Data Integration

NET Database

Output Internet, etc.

State Data Preparation

5

Data Incorporation by EPA / EFIG

♦ *What will EFIG do with your data ?*

- *QC*
  - *check data format, mandatory data elements, geographic / SCC / pollutant coverage, ...*

- *Data Integration / Augmentation*
  - *complete data set for use in air quality/ human exposure modeling*

- *QA*
  - *check for questionable data, QA reports to S/ L, RO review*

- *Load Data into national database*

6

Coordination with EPA's (new) Office of Information

- *Central Receiving*

- *Facility ID/Facility Registry*

- *Other Data Standards*

- *Respectful Use of Data*

- *Data Access*
    - *Envirofacts*

Data Transfer Mechanics

♦ *Prepare data in acceptable transfer format (ex. NET Input Format)*

♦ *Save data set(s) using file naming convention*

♦ *Download & complete EFIG electronic inventory submittal form*

♦ *Send data set(s) and submittal form to EFIG ftp site*

8

Data Transfer Mechanics contd'...

♦ *NET Input Format*

- *TB re-tooled to accommodate toxics data*

- *4 Source files : point, area & nonroad mobile, on-road mobile, biogenics*

- *Specific records w/in each file*

- *User package : format specification, Appendix A, Code tables, file organization guide*

- *Located on : www.epa.gov/ttn/chief/ei (under "Data Submission")*

♦ *Getting organized / getting started .....*

- *Identify end uses and data management needs early while planning data collection process*

- *Anticipate volume and structure of data*

- *Implement and maintain a system that will satisfy end uses & data distribution needs*

- *Ensure compatibility with standard data transfer format to EPA national database*

10